

## ABSTRACT

An acoustic monitoring system that is able to verify the success or failure of the positional adjustment of a valve without the need for additional energy during non-invasive reprogramming is provided. The acoustic monitoring system includes a programmer for generating a sequence of commands to adjust the valve mechanism, and for receiving acoustic signals for analysis, a transmitter to implement the command and adjust the valve, and a sensor for detecting an acoustic signal generated from the valve during execution of the commands. A method for using the acoustic monitoring system is also provided.

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